



Life. Changing.

Reaching out to Underrepresented Populations

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NSF ATE Conference

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MPEC Events Designed to Attract Underrepresented Populations

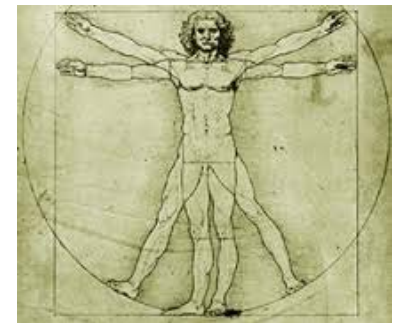
- Women Exploring STEM Day (1 day)
- Latino Photonics Camp (2 days)
- Summer Technology Camp (4 days)

Importance of “Doing”

I have been impressed with the urgency of doing.

Knowing is not enough; we must apply.

Being willing is not enough; we must do.

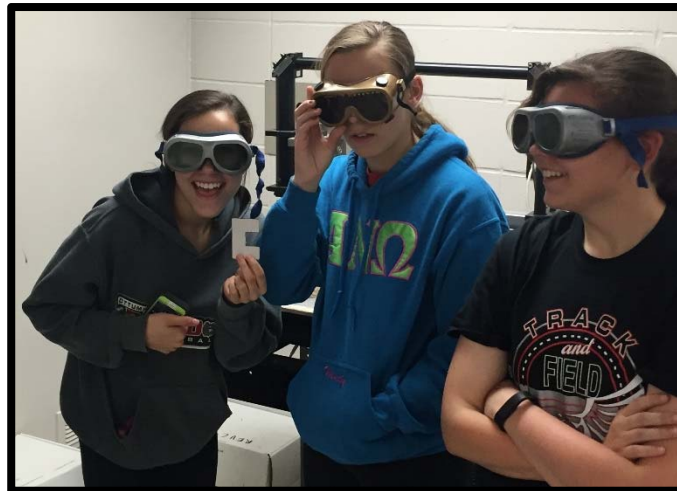


Leonardo Da Vinci

Women Exploring STEM Day

- Purpose
 - To attract female students into STEM fields
 - To provide experiences in STEM fields
- Program focus
 - Laser and Optics Technology
 - Bioscience and Bioprocessing Technology
 - Robotics and Automation Technology
 - Computer Software Development and Programming
- Attendees – Invited local PLTW classes
- Expenses – Transportation, materials, lunch

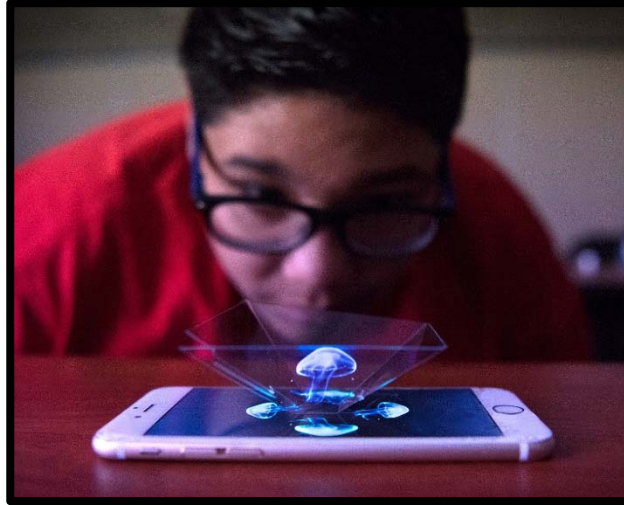
WE STEM Day Activities



Latino Photonics Camp

- Purpose
 - To attract “underrepresented” Latino students
 - To provide experiences in a STEM field
- Program focus area - Laser and Optics Technology
- Attendees
 - Invited Regional Latino students
 - Students from Mexico, Central and South America
- Expenses
 - Transportation, materials, lunch
 - Bilingual instructor

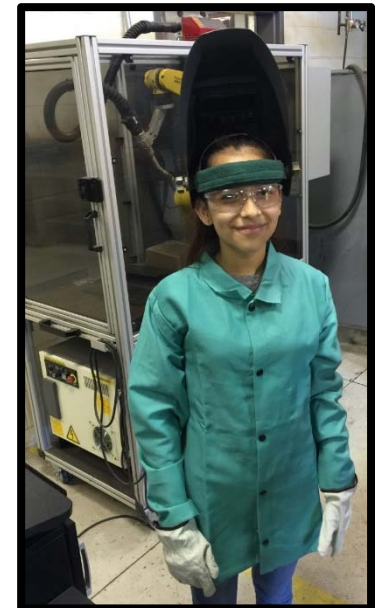
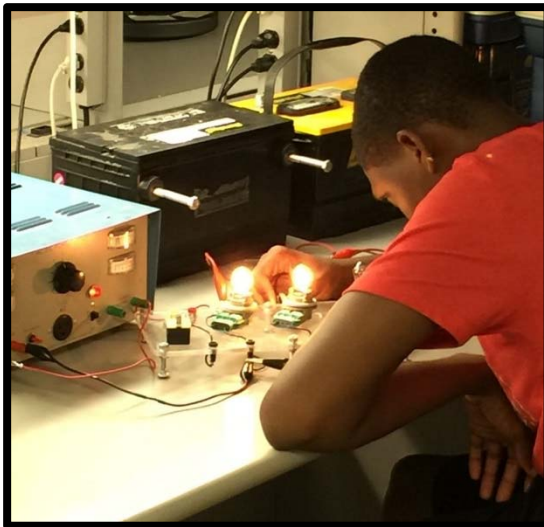
Latino Photonics Camp Activities



Summer Technology Camp

- Purpose
 - To attract underrepresented students
 - To provide experiences in STEM fields
- Program focus areas
 - Advanced Manufacturing
 - Bioscience Technologies
 - Information Technologies/Computer Science
 - Electronics Engineering
 - Transportation Technologies
- Attendees – Invited inner city Chicago students
- Expenses
 - Transportation provided by David Speer Academy
 - Materials, meals, housing in IHCC dormitories

Summer Technology Camp Activities



Questions?

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